

 **BRS term** IS&R form Image

 Text

 HTML

|    | Type | L # | Hits  | Search Text                 | DBs   | Time Stamp | Comments | Error Definition | Err |
|----|------|-----|-------|-----------------------------|-------|------------|----------|------------------|-----|
| 1  | BRS  | L1  | 9     | bipolar near10 phospholipi  | USPAT | 2002/08/27 |          |                  | 0   |
| 2  | BRS  | L2  | 326   | 424/9.5-9.52.ccls.          | USPAT | 2002/08/27 |          |                  | 0   |
| 3  | BRS  | L3  | 52705 | bipolar or bi-polar         | USPAT | 2002/08/27 |          |                  | 0   |
| 4  | BRS  | L4  | 1     | 2 and 3                     | USPAT | 2002/08/27 |          |                  | 0   |
| 5  | BRS  | L5  | 88780 | ultraso\$                   | USPAT | 2002/08/27 |          |                  | 0   |
| 6  | BRS  | L6  | 0     | 4 and 5                     | USPAT | 2002/08/27 |          |                  | 0   |
| 7  | BRS  | L7  | 615   | echograp\$                  | USPAT | 2002/08/27 |          |                  | 0   |
| 8  | BRS  | L8  | 0     | 4 and 7                     | USPAT | 2002/08/27 |          |                  | 0   |
| 9  | BRS  | L9  | 1163  | echocardiograp\$            | USPAT | 2002/08/27 |          |                  | 0   |
| 10 | BRS  | L10 | 0     | 4 and 9                     | USPAT | 2002/08/27 |          |                  | 0   |
| 11 | BRS  | L11 | 6224  | ultraso\$ near5 (contrast o | USPAT | 2002/08/27 |          |                  | 0   |
| 12 | BRS  | L13 | 121   | (bipolar or bi-polar) same  | USPAT | 2002/08/27 |          |                  | 0   |
| 13 | BRS  | L14 | 0     | 12 and 13                   | USPAT | 2002/08/27 |          |                  | 0   |
| 14 | BRS  | L12 | 427   | 11 and 3                    | USPAT | 2002/08/27 |          |                  | 0   |
| 15 | BRS  | L15 | 8363  | contrast.ab,ti.             | USPAT | 2002/08/27 |          |                  | 0   |
| 16 | BRS  | L16 | 21    | 12 and 15                   | USPAT | 2002/08/27 |          |                  | 0   |
| 17 | BRS  | L17 | 8625  | contrast near3 (agent\$1 or | USPAT | 2002/08/27 |          |                  | 0   |
| 18 | BRS  | L18 | 105   | 12 and 17                   | USPAT | 2002/08/27 |          |                  | 0   |
| 19 | BRS  | L19 | 88    | 18 not 16                   | USPAT | 2002/08/27 |          |                  | 0   |


**Details** HTML

**Ready**

[illegible]

EAST - [default.wsp:1]

File

View

Edit

Tools

Window

Help

Drafts

Pending

Active

L1: (9) b

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

----- KWIC -----

Detailed Description Text - DETX (31):

In another embodiment, the membrane system comprises membranes other than those in whole cells. Examples of membrane system for use with transmembrane proteins are known to those skilled in the art. Typically such membrane systems comprise phospholipid or other bipolar lipids which provide both hydrophobic and hydrophillic properties. Examples of such systems include cell membranes, cell ghosts, erythrocyte ghosts, membrane-derived vesicles, lipid-containing vesicles, artificial membranes, lipid-containing monolayers, black lipid membranes, reconstituted membranes, hybrid bilayer membranes, supported bilayer membranes, phospholipid-containing membranes or lipid-containing micelles.

BRSform

IS&Rform

Image

Text

HTML

|   | U                                   | I                        | Document ID   | Issue Date | Pages | Title   | Current OR | Current XRef            |
|---|-------------------------------------|--------------------------|---------------|------------|-------|---|------------|-------------------------|
| 1 | <input type="checkbox"/>            | <input type="checkbox"/> | US 6440659 B1 | 20020827   | 24    | Inhibitors of retroviral protease as inducers of          | 435/5      | 435/325;<br>435/334;    |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6403117 B1 | 20020611   |       | Archaeosomes, archaeosomes containing coenzyme Q10 and    | 424/450    | 424/1.21;<br>424/184.1; |
| 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6313106 B1 | 20011106   |       | Phospholipid derivatives of valproic acid and mixtures    | 514/77     | 514/114;<br>514/117;    |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6204254 B1 | 20010320   |       | Biocompatible surfaces and a method for their preparation | 514/54     | 514/53;<br>536/1.11;    |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6177103 B1 | 20010123   |       | Processes to generate submicron particles of              | 424/489    |                         |
| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6132789 A  | 20001017   |       | Archaeosomes, archaeosomes                                | 426/450    | 424/184.1;              |

Start

Inbox - Microsoft Outlook

Document15 - Microsoft W...

Content Information EXPO...

EAST - [default.wsp:1]

2:33 PM

EAST - [default.wsp:1]

File

View

Edit

Tools

Window

Help

Drafts

Pending

Active

11: (9)

big

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

Brief summary text - BSTX (3):

In U.S. Pat. Nos. 5,091,187 and 5,091,188 to Haynes describe the use of phospholipids as surface stabilizers to produce aqueous suspension of submicron sized particles of the water-insoluble drugs. These suspensions are believed to be the first applications of the surface-modified microparticulate aqueous suspension containing particles made up of a core of pure drug substances and stabilized with natural or synthetic bipolar lipids including phospholipids and cholesterol. Subsequently, similar delivery systems exploiting these principles have been described (G. G. Liversidge et al., U.S. Pat. No. 5,145,684; K. J. Illig et al. U.S. Pat. No. 5,340,564 and H. William Bosch et al., U.S. Pat. No. 5,510,118) emphasizing the usefulness of the drug delivery approach utilizing particulate aqueous suspensions.

BSTX form

IS&R form

Image

Text

HTML

|   | U                        | 1                        | Document ID   | Issue Date | Pages | Title   | Current OR | Current XRef            | R |
|---|--------------------------|--------------------------|---------------|------------|-------|---|------------|-------------------------|---|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | US 6440659 B1 | 20020827   | 24    | Inhibitors of retroviral protease as inducers of          | 435/5      | 435/325;<br>435/334;    |   |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | US 6403117 B1 | 20020611   | 26    | Archaesomes, archaeosomes containing coenzyme Q10 and     | 424/450    | 424/1.21;<br>424/184.1; |   |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | US 6313106 B1 | 20011106   | 11    | Phospholipid derivatives of valproic acid and mixtures    | 514/77     | 514/114;<br>514/117;    |   |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | US 6204254 B1 | 20010320   | 19    | Biocompatible surfaces and a method for their preparation | 514/54     | 514/53;<br>536/1.11;    |   |
| 5 | <input type="checkbox"/> | <input type="checkbox"/> | US 6177103 B1 | 20010123   | 8     | Processes to generate submicron particles of              | 424/489    |                         |   |

Files

Details

HTML

Ready

NUM

EAST - [default.wsp:1]

File

View

Edit

Tools

Window

Help

Drafts

Pending

Active

**L1: (9) big**

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

----- KWIC -----

Brief Summary Text - BSTX (16):

Liposomes are small vesicles (or particles or droplets) having an outer surface composed of a very thin layer of a lipid surrounding a volume of aqueous solution--which in the present invention contains the enzyme. Thus, they have a volume of an aqueous medium enclosed within a "wall" or "membrane" composed of lipid molecules. The lipid is usually a bipolar lipid, and especially a phospholipid. The lipid "wall" of the liposome then appears to serve to regulate the diffusion of the glucose into the interior aqueous zone without hindering the diffusion of the oxygen or hydrogen peroxide.

BRS form

IS&R form

Image

Text

HTML

|   | U                                   | I                        | Document ID   | Issue Date | Pages | Title   | Current OR | Current XRef             | R |
|---|-------------------------------------|--------------------------|---------------|------------|-------|---|------------|--------------------------|---|
| 4 | <input type="checkbox"/>            | <input type="checkbox"/> | US 6204254 B1 | 20010320   | 19    | Biocompatible surfaces and a method for their preparation | 514/54     | 514/53;<br>536/1.11;     |   |
| 5 | <input type="checkbox"/>            | <input type="checkbox"/> | US 6177103 B1 | 20010123   | 8     | Processes to generate submicron particles of              | 424/489    |                          |   |
| 6 | <input type="checkbox"/>            | <input type="checkbox"/> | US 6132789 A  | 20001017   | 26    | Archaeosomes, archaeosomes containing coenzyme            | 426/450    | 424/184.1;<br>424/193.1; |   |
| 7 | <input type="checkbox"/>            | <input type="checkbox"/> | US 5545519 A  | 19960813   | 7     | Electrolytic analytical methods                           | 435/4      | 424/450;<br>435/14;      |   |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5463010 A  | 19951031   |       | Hydrocyclosiloxane membrane prepared by plasma            | 528/25     | 204/165;<br>427/489;     |   |

File

View

Edit

Tools

Window












Help

Details

HTML

Ready

NUM

-  Drafts
-  Pending
-  Active
-  L1: (9) big
-  Failed
-  Saved
-  Favorites
-  Tagged (0)
-  UDC
-  Queue
-  Trash

The liposome, no longer being intact, is simply a large multilamellar array of lipid which seeks to repair itself thermodynamically, and in so doing, sequesters by lamellar envelopment the DEET particle or molecule by surrounding the DEET with the large multilamellar array of preformed bipolar phospholipid membrane. The DEET particle thus has been sequestered and protected by the lipid.

 BRS form
  IS&R form
  Image
  Text
  HTML

|   | U                        | 1                        | Document ID   | Issue Date | Pages | Title  | Current OR | Current XRef             | R |
|---|--------------------------|--------------------------|---------------|------------|-------|--|------------|--------------------------|---|
| 5 | <input type="checkbox"/> | <input type="checkbox"/> | US 6177103 B1 | 20010123   | 8     | Processes to generate submicron particles of   | 424/489    |                          |   |
| 6 | <input type="checkbox"/> | <input type="checkbox"/> | US 6132789 A  | 20001017   | 26    | Archaeosomes, archaeosomes containing coenzyme | 426/450    | 424/184.1;<br>424/193.1; |   |
| 7 | <input type="checkbox"/> | <input type="checkbox"/> | US 5545519 A  | 19960813   | 7     | Electrolytic analytical methods                | 435/4      | 424/450;<br>435/14;      |   |
| 8 | <input type="checkbox"/> | <input type="checkbox"/> | US 5463010 A  | 19951031   | 41    | Hydrocyclosiloxane membrane prepared by plasma | 528/25     | 204/165;<br>427/489;     |   |
| 9 | <input type="checkbox"/> | <input type="checkbox"/> | US 5173303 A  | 19921222   | 5     | Cutaneous delivery of organic materials        | 424/450    | 424/405;<br>514/918      |   |